

# ATyS t M - ATyS g M

## Automatic Transfer Switching Equipment

from 40 to 160 A



*ATyS t M*
*I-0-II 4P*



*ATyS g M*
*I-0-II 2P*

atys-tm_001_b_1_cat

### The solution for

- High-rise buildings
- Data centers
- Healthcare buildings



### Strong points

- Fast commissioning
- ATyS d M with an integrated controller for dedicated mains/mains or mains/genset functions
- Secure programming

### Conformity to standards

- IEC 60947-6,-1
- IEC 60947-3
- GB/T 14048.11

### Approvals and certifications(1)

*(1) Product references on request.*

## Function

**ATyS t M** and **ATyS g M** are modular automatic transfer switches with positive break indication. ATyS t M are 4 pole (three-phase) devices and ATyS g M are 2 or 4 pole (single or three-phase) devices.

They have all the functions of the ATyS d M together with an integrated controller, giving them automatic features dedicated to mains/mains (ATyS t M) and mains/genset (ATyS g M) applications. They are intended for use in low voltage power supply systems where a brief interruption of the load supply is acceptable during transfer.

## Advantages

**Quick start**

ATyS t M and g M transfer switches offer significant time saving during commissioning (the process takes 2 to 3 minutes). Thanks to the design that allows commissioning through just one potentiometer (4 on the ATyS g M) and four DIP switches, a screwdriver is all that is required to configure the parameters.

**ATyS g M: dedicated to mains/genset applications**

In addition to its single-phase and three-phase voltage & frequency monitoring for both incoming sources, the product's integrated controller also features functions that are specific to mains/genset applications (genset control, test on load, etc.).

**ATyS t M: dedicated to three-phase mains/mains applications**

The ATyS t M integrated controller has been designed to provide all the functions necessary for these applications (operation with or without priority, preferred source selection) together with the monitoring of the voltage and frequency of both sources for three-phase networks.

**Secure programming**

To ensure that the correct configuration is maintained an optional sealable cover can be fitted in order to avoid any unintentional modifications to the programming.

## What you need to know

The ATyS t M and ATyS g M are automatic transfer switching equipment that include a fully integrated ATS controller. These products are self powered from incoming supplies: 230 VAC (176-288 VAC), 50/60 Hz (45/65Hz).

# References

## ATyS t M

| Rating (A) | No. of poles | Network (VAC) | ATyS t M | Bridging bars | Voltage sensing and power supply tap | Terminal shrouds | Auxiliary contact block | Sealable cover |
|---|---|---|---|---|---|---|---|---|
| 40 A | 4 P | 230/400 | 9344 **4004** | 4 P<br>1309 **4006** | 2 pieces<br>1399 **4006** | 2 pieces<br>2294 **4016**(1) | 1 unit<br>Separate common points<br>1309 **1001**(2)<br>Linked common points<br>1309 **1011**(2) | 1359 **0000** |
| 63 A | 4 P | 230/400 | 9344 **4006** | | | | | |
| 80 A | 4 P | 230/400 | 9344 **4008** | | | | | |
| 100 A | 4 P | 230/400 | 9344 **4010** | | | | | |
| 125 A | 4 P | 230/400 | 9344 **4012** | | | | | |
| 160 A | 4 P | 230/400 | 9344 **4016** | 1309 **4016** | | | | |

*(1) For complete upstream and downstream protection please order quantity 2.*
*(2) 1 NO/NC contact block for positions I, 0 and II.*

## ATyS g M

| Rating (A) | No. of poles | Network (VAC)(3) | ATyS g M | Bridging bars | Voltage sensing and power supply tap | Terminal shrouds | Auxiliary contact block | Sealable cover |
|---|---|---|---|---|---|---|---|---|
| 40 A | 2 P | 230 | 9353 **2004** | 2 P<br>1309 **2006**<br>4 P<br>1309 **4006** | 2 pieces<br>1399 **4006** | 2 pieces<br>2294 **4016**(1) | 1 unit<br>Separate common points<br>1309 **1001**(2)<br>Linked common points<br>1309 **1011**(2) | 2 P<br>1359 **2000**<br>4 P<br>1359 **0000** |
| | 4 P | 230/400 | 9354 **4004** | | | | | |
| 63 A | 2 P | 230 | 9353 **2006** | | | | | |
| | 4 P | 230/400 | 9354 **4006** | | | | | |
| 80 A | 2 P | 230 | 9353 **2008** | | | | | |
| | 4 P | 230/400 | 9354 **4008** | | | | | |
| 100 A | 2 P | 230 | 9353 **2010** | | | | | |
| | 4 P | 230/400 | 9354 **4010** | | | | | |
| 125 A | 2 P | 230 | 9353 **2012** | | | | | |
| | 4 P | 230/400 | 9354 **4012** | | | | | |
| 160 A | 2 P | 230 | 9353 **2016** | 1309 **2016** | | | | |
| | 4 P | 230/400 | 9354 **4016** | 1309 **4016** | | | | |

*(1) 4 pole version - for complete upstream and downstream protection please order quantity 2; for 2 pole version order quantity 1.*
*(2) 1 NO/NC contact block for positions I, 0 and II.*
*(3) For 127/230VAC networks, please contact your supplier.*